



**BARCLAYS OFFICIAL CALIFORNIA CODE
 OF REGULATIONS
 TITLE 13. MOTOR VEHICLES
 DIVISION 3. AIR RESOURCES BOARD
 CHAPTER 1. MOTOR VEHICLE POLLUTION
 CONTROL DEVICES
 ARTICLE 1. GENERAL PROVISIONS**

This database is current through 09/16/2005, Register
 2005, No. 37.

s 1978. Standards and Test Procedures for Vehicle
 Refueling Emissions.

(a)(1) Vehicle refueling emissions for 1998 and subsequent model gasoline-fueled, alcohol-fueled, diesel-fueled, liquefied petroleum gas-fueled, fuel-flexible, and hybrid electric passenger cars, light-duty trucks, and medium-duty vehicles with a gross vehicle weight rating less than 8501 pounds, shall not exceed the following standards. Natural gas-fueled vehicles are exempt from meeting these refueling standards, but the refueling receptacles on natural gas-fueled vehicles must comply with the receptacle provisions of the American National Standards Institute/American Gas Association Standard for Compressed Natural Gas Vehicle Fueling Connection Devices, ANSI/AGA NGV1 standard-1994, which is incorporated herein by reference. The standards apply equally to certification and in-use vehicles.

Hydrocarbons (for gasoline-fueled, diesel-fueled, and hybrid electric vehicles): 0.20 grams per gallon of fuel dispensed.

Organic Material Hydrocarbon Equivalent (for alcohol-fueled, fuel-flexible, and hybrid electric

vehicles): 0.20 grams per gallon of fuel dispensed.

Hydrocarbons (for liquefied petroleum gas-fueled vehicles): 0.15 gram per gallon of fuel dispensed.

(2) Vehicles powered by diesel fuel are not required to conduct testing to demonstrate compliance with the refueling emission standards set forth above, provided that all of the following provisions are met:

(A) The manufacturer can attest to the following evaluation: "Due to the low vapor pressure of diesel fuel and the vehicle tank temperatures, hydrocarbon vapor concentrations are low and the vehicle meets the 0.20 grams/gallon refueling emission standard without a control system."

(B) The certification requirement described in paragraph (A) is provided in writing and applies for the full useful life of the vehicle, as defined in section 2112.

In addition to the above provisions, the ARB reserves the authority to require testing to enforce compliance and to prevent noncompliance with the refueling emission standard.

Vehicles certified to the refueling emission standard under this provision shall not be counted in the phase-in sales percentage compliance determinations.

(3) The manufacturer shall adhere to the following phase-in schedule, as determined by projected vehicle sales throughout the United States, with the exception of small volume manufacturers.

Class of Vehicle	ORVR Model Year Phase-In Schedule		
	40% Fleet	80% Fleet	100% Fleet
Passenger Cars	1998	1999	2000
Light-Duty Trucks	2001	2002	2003
0-6,000 lbs. GVWR Light-Duty Trucks/ Medium-Duty Vehicles (6,001-8,500 lbs. GVWR)	2004	2005	2006

(A) Prior to the 2001 model year, small volume manufacturers are defined for purposes of this section as

any vehicle manufacturer with California actual sales less than or equal to 3000 new vehicles per model year based

on the average number of vehicles sold by the manufacturer in the previous three consecutive years.

(B) Small volume manufacturers of passenger cars, as defined in subsection (a)(3)(A), are exempt from the implementation schedule in subsection (a)(3) for model year 1998 and 1999. For small volume manufacturers of passenger cars, the standards of subsection (a)(1), and the associated test procedures, shall not apply until model year 2000, when 100 percent compliance with the standards of this section is required. Small volume manufacturers of light-duty trucks and medium-duty vehicles are not exempt from the implementation schedule in subsection (a)(3).

(b) The test procedures for determining compliance with standards applicable to 1998 through 2000 gasoline, alcohol, diesel, and hybrid electric passenger cars, light-duty trucks, and medium-duty vehicles are set forth in the "California Refueling Emission Standards and Test Procedures for 1998-2000 Model Year Motor Vehicles,"

as amended August 5, 1999, which is incorporated herein by reference. The test procedures for determining compliance with standards applicable to 2001 and subsequent gasoline, alcohol, diesel, and hybrid electric passenger cars, light-duty trucks, and medium-duty vehicles are set forth in the "California Refueling Emission Standards and Test Procedures for 2001 and Subsequent Model Motor Vehicles," adopted August 5, 1999, and last amended September 5, 2003, which is incorporated herein by reference.

<General Materials (GM) - References, Annotations, or Tables>

Note: Authority cited: [Sections 39600, 39667, 43013, 43018, 43101](#) and [43104, Health and Safety Code](#).
Reference: [Sections 39003, 39500, 39667, 43000, 43013, 43018, 43101, 43102](#) and [43104, Health and Safety Code](#).

HISTORY

1. New section filed 6-19-96; operative 6-19-96 pursuant to [Government Code section 11343.4\(d\)](#) (Register 96, No. 25).

2. Change without regulatory effect restoring inadvertently omitted subsections (a)(3)(A) and (a)(3)(B) filed 4-28-97 pursuant to [section 100, title 1, California Code of Regulations](#) (Register 97, No. 18).

3. Amendment of subsections (a)(2)(B), (a)(3)-(a)(3)(B) and (b) filed 10-28-99; operative 11-27-99 (Register 99, No. 44).

4. Amendment of subsections (a)(1) and (b) 11-4-2003; operative 12-4-2003 (Register 2003, No. 45).

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